



STIC Search Report

EIC 2100

STIC Database Tracking Number: 214600

TO: Cheryl Lewis
Location: RND 3B07
Art Unit: 2167
Friday, February 02, 2007

Case Serial Number: 10/817658

From: Ruth E. Spink
Location: EIC 2100
RND-4B31
Phone: 23524

Ruth.spink@uspto.gov

Search Notes

Cheryl- Attached is the foreign patent and NPL search for the above referenced case. I flagged the references that I think are the best. Be sure to contact me if you wish to refocus this search.

Ruth



214600

STIC EIC 2100 Search Request Form

Today's Date: 2/1/2007

What date would you like to use to limit the search?

Priority Date: 2/27/1997

Other:

Name Cheryl LewisAU 2167 Examiner # 72314Room # 3607 Phone 2-413Serial # 10/817,658

Format for Search Results (Circle One):

☒ PAPER☐ DISK☐ EMAIL

Where have you searched so far?

☒ USP☐ DWPI☒ EPO☒ JPO☐ ACM☐ IBM TDB☐ IEEE☐ INSPEC☐ SPI

Other _____

Is this a "Fast & Focused" Search Request? (Circle One) ☒ YES ☐ NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Is this request for a BOARD of APPEALS case? (Circle One) YES ☐ NO ☒

Is this case a SPECIAL CASE?

(Circle One) YES ☐ NO ☒

PLEASE REFER TO THE ATTACHED
SUMMARY SHEET.

STIC Searcher Ruth SpinkPhone 2-3524Date picked up 2/2/07Date Completed 2/2/07

A database system comprising an enterprise **server** at least one **docking client** and at least one **workgroup client**. Copying a transaction from a workgroup client to a docking client, applying the transaction against an agency database resident on the docking client (updating the transaction). Copying from the docking client to the enterprise server one or more transactions, the transactions copied from the docking client to the enterprise server excluding transactions indicated to originate at the enterprise server.

A docking client comprises an agency server, running a workgroup database and one or more workgroup users connected to the server via a LAN or other connection. Agency server (315) may be a Windows/NT server or other server. Multi-user docking clients behave in the same way as single-user mobile clients. In addition, multi-user docking clients store data for one or many users; allow multiple users to access and change data on the workgroup database simultaneously; permit users to execute server-side programs against the workgroup; and execute a periodic docking program to exchange data with the master database at predefined times or intervals.

Set	Items	Description
S1	952294	S DATABASE? ? OR DBMS OR RDBMS OR OODB OR DATA()BASE? ? OR REPOSITOR?
S2	1583486	S COPY OR COPIES OR COPIED OR COPYING OR REPLICA? ? OR REPLICATION? ? OR DUPLICATE? ? OR DUPLICATING OR DUPLICATION? ?
S3	368262	S UPDATE? ? OR UPDATING OR UP() (DATE? ? OR DATING)
S4	1530215	S REMOTE?? OR MOBILE? ? OR WIRELESS OR WI()FI OR WIFI
S5	2071294	S LOCAL OR SLAVE? ? OR WORKGROUP? ?
S6	1323065	S INTERMEDIARY OR INTERMEDIATE? ? OR MIDDLE OR MIDWAY
S7	46254	S BASE()STATION? ? OR ACCESS()POINT? ?
S8	22110	S DOCKING
S9	358467	S LOG OR LOGS OR LOGGED OR LOGGING
S10	1136	S S6 (10N) S9
S11	27527	S S9 (5N) (UNIT? ? OR APPARATUS?? OR DEVICE? ? OR APPTS OR COMPUTER? ? OR PC OR NODE? ? OR CLIENT? ? OR SERVER? ? OR SYSTEM? ? OR CPU OR MANAGER? ? OR CONTROLLER? ? OR S1)
S12	357796	S ENTERPRISE OR MASTER
S13	94630	S (COMPANY OR ORGANI?ATION OR CORPORATE OR BUSINESS OR HEADQUARTER? ? OR CORPORATION? ?) (3W) (CLIENT? ? OR SERVER? ? OR SYSTEM? ? OR COMPUTER? ? OR PC)
S14	96806	S S7 OR S8 OR S10 OR S11
S15	446441	S S12 OR S13
S16	3	S S1 AND (S2 OR S3) AND S4 AND S14 AND S15
S17	3	RD (unique items)
S18	2	S S1 AND (S2 OR S3) AND S5 AND S14 AND S15
S19	2	S S18 NOT S17

; show files

[File 8] **Ei Compendex(R)** 1884-2007/Jan W3

(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Jan

(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Feb 02

(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 2] **INSPEC** 1898-2007/Jan W3

(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 94] **JICST-EPlus** 1985-2007/Feb W1

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**File 94: UD200609W2 is the last update for 2006. UD200701W1 is the first update for 2007. The file is complete and up to date.*

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Feb 01

(c) 2007 The Gale Group. All rights reserved.

[File 6] **NTIS** 1964-2007/Jan W4

(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 144] **Pascal** 1973-2007/Jan W3

(c) 2007 INIST/CNRS. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

(c) 2006 The Thomson Corp. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Jan W4
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[File 62] **SPIN(R)** 1975-2007/Jan W3
(c) 2007 American Institute of Physics. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Dec
(c) 2007 The HW Wilson Co. All rights reserved.

[File 95] **TEME-Technology & Management** 1989-2007/Jan W4
(c) 2007 FIZ TECHNIK. All rights reserved.

[File 56] **Computer and Information Systems Abstracts** 1966-2007/Jan
(c) 2007 CSA. All rights reserved.

[File 57] **Electronics & Communications Abstracts** 1966-2007/Jan
(c) 2007 CSA. All rights reserved.

[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2007/Jan
(c) 2007 CSA. All rights reserved.

[File 266] **FEDRIP** 2006/Dec
Comp & dist by NTIS, Intl Copyright All Rights Res. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13
(c) 2002 The Gale Group. All rights reserved.
**File 583: This file is no longer updating as of 12-13-2002.*

[File 438] **Library Lit. & Info. Science** 1984-2007/Dec
(c) 2007 The HW Wilson Co. All rights reserved.

[File 256] **TecInfoSource** 82-2007/Aug
(c) 2007 Info.Sources Inc. All rights reserved.

17/5/1 (Item 1 from file: 2) Links

INSPEC

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06665844 **INSPEC Abstract Number:** C9709-6160B-037

Title: Gold Rush: mobile transaction middleware with Java-object replication

Author Butrico, M.A.; Chang, H.; Cocchi, A.; Cohen, N.H.; Shea, D.G.; Smith, S.E.

Author Affiliation: IBM Thomas J. Watson Res. Center, Yorktown Heights, NY, USA

Conference Title: Proceedings of the Third USENIX Conference on Object-Oriented Technologies and Systems (COOTS) p. 91-101

Publisher: USENIX Assoc , Berkeley, CA, USA

Publication Date: 1997 **Country of Publication:** USA 248 pp.

Material Identity Number: XX97-01623

Conference Title: Proceedings of COOTS '97: 3rd Conference on Object Oriented Technologies and Systems

Conference Date: 16-20 June 1997 **Conference Location:** Portland, OR, USA

Language: English **Document Type:** Conference Paper (PA)

Treatment: Practical (P)

Abstract: Gold Rush is middleware supporting the writing of Java applications that reside on an intermittently connected **mobile** client device and access an **enterprise database** on a central server. While the client is connected to the central server, objects constructed from **database** entities can be cached in a persistent store on the client. While the client is disconnected, these entities can be manipulated within transactions that are **logged** on the **client**. Upon reconnection, the **client** application can replay these **logged** transactions to the **server**, modifying the **database**. A replayed transaction is checked for conflicts with other **database updates** that have occurred since the client obtained the input data for the transaction, and the client is notified when such a conflict arises. Communication between the client and the server is optimized to economize the use of a slow or expensive connection such as a radio link. (22 Refs)

Subfile: C

Descriptors: cache storage; client-server systems; concurrency control; data loggers; distributed **databases**; object-oriented **databases**; object-oriented languages; object-oriented programming; transaction processing; wireless LAN

Identifiers: Gold Rush; **mobile** transaction middleware; Java object **replication**; intermittently connected **mobile** client device; **enterprise database** access; central server; object caching; persistent store; client disconnection; **database** entity manipulation ; transaction logging; client reconnection; **database** modification; replayed transaction; conflict checking; **database updates**; client notification; optimized client-server communication; slow connection ; expensive connection; radio link

Class Codes: C6160B (Distributed databases); C6160J (Object-oriented databases); C6150N (Distributed systems software); C6140D (High level languages); C6110J (Object-oriented programming)

Copyright 1997, IEE

Set	Items	Description
S1	1098361	S REMOTE?? OR MOBILE? ? OR WIRELESS OR WI()FI OR WIFI
S2	1109363	S INTERMEDIARY OR INTERMEDIATE? ? OR MIDDLE OR MIDWAY
S3	161603	S ENTERPRISE OR MASTER
S4	354389	S DATABASE? ? OR DBMS OR RDBMS OR OODB OR DATA()BASE? ? OR REPOSITOR?
S5	458718	S COPY OR COPIES OR COPIED OR COPYING OR REPLICA? ? OR REPLICATION? ? OR DUPLICATE? ? OR DUPLICATING OR DUPLICATION? ?
S6	227165	S UPDATE? ? OR UPDATING OR UP() (DATE? ? OR DATING)
S7	42	S S4 (30N) (S5 OR S6) (30N) S1 (30N) S2 (30N) S3
S8	157520	S LOG OR LOGS OR LOGGED OR LOGGING
S9	4	S S7 (30N) S8
S10	4	IDPAT (sorted in duplicate/non-duplicate order)
S11	4	IDPAT (primary/non-duplicate records only)
S12	44983	S S8 (5N) (UNIT? ? OR APPARATUS?? OR DEVICE? ? OR APPTS OR COMPUTER? ? OR PC OR NODE? ? OR CLIENT? ? OR SERVER? ? OR SYSTEM? ? OR CPU OR MANAGER? ? OR CONTROLLER? ? OR S4)
S13	14261	S DOCKING
S14	77	S S4 (30N) (S5 OR S6) (30N) S1 (30N) (S12 OR S13) (30N) S3
S15	868	S S2 (10N) S8
S16	47	S S1 (30W) (S15 OR S12 OR S13) (30W) S3
S17	5	S S4 (30N) (S5 OR S6) (30N) S16
S18	5	S S17 NOT S11
S19	5	IDPAT (sorted in duplicate/non-duplicate order)
S20	5	IDPAT (primary/non-duplicate records only)
S21	3	S S14 NOT AY>1997
S22	3	IDPAT (sorted in duplicate/non-duplicate order)
S23	1	IDPAT (primary/non-duplicate records only)
S24	28600	S (COMPANY? ? OR ORGANIZATION? ? OR CORPORATE OR BUSINESS OR HEADQUARTER? ? OR CORPORATION? ?) (3W) (CLIENT? ? OR SERVER? ? OR COMPUTER? ? OR PC OR SYSTEM? ?)
S25	30	S S4 (30N) (S5 OR S6) (30N) S1 (30N) (S12 OR S13) (30N) S24
S26	1	S S25 NOT AY>1997
S27	0	S S4 (30N) (S5 OR S6) (30N) S1 (30N) S15 (30N) S24
S28	456181	S LOCAL OR SLAVE? ? OR WORKGROUP? ?
S29	80	S S4 (30N) (S5 OR S6) (30N) S28 (30N) (S12 OR S13 OR S15) (30N) (S24 OR S3)
S30	10	S S29 NOT AY>1997
S31	8	S S30 NOT (S11 OR S20 OR S23 OR S26)
S32	8	IDPAT (sorted in duplicate/non-duplicate order)
S33	6	IDPAT (primary/non-duplicate records only)

; show files

[File 348] EUROPEAN PATENTS 1978-2007/ 200705

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**File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] PCT FULLTEXT 1979-2007/UB=20070201UT=20070125

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**File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 350] Derwent WPIX 1963-2006/UD=200708

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**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

11/5K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01881349

Fast database replication

Schnelle Datenbankreplikation

Replication rapide de bases de donnees

Patent Assignee:

- **ALCATEL; (201871)**
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(Proprietor designated states: all)

Inventor:

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- **Richter, Stefan**
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- **Wittrich, Michael**
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- **Steichhahn, Frank**
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Legal Representative:

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	Country	Number	Kind	Date	
Patent	EP	1522932	A1	20050413	(Basic)
	EP	1522932	B1	20060719	
Application	EP	2003292484		20031008	

Designated States:

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;
NL; PT; RO; SE; SI; SK; TR;

Extended Designated States:

AL; LT; LV; MK;

International Patent Class (V7): G06F-017/30

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06F-0017/30	A	I	F	B	20060101	20040315	H	EP

Abstract EP 1522932 A1

The invention relates to a method for updating a remote data base (SDB) with sets of data of a master data base system (MDB), wherein said sets of data are forwarded to an intermediate data base (PDB), said intermediate data base (PDB) and the remote data base system (SDB) being coupled by means of a synchronisation protocol, said protocol ensuring, that the remote data base (SDB) is reliably updated, wherein said master data base (SPS) and said intermediate data base (PDB) are logically independent data bases each part of a unique data base system (SPS) controlled by a unique data base management, and also to master data base system therefore.

Abstract Word Count: 111

NOTE: 2

NOTE: Figure number on first page: 2

Type	Pub. Date	Kind	Text
Application:	20050413	A1	Published application with search report
Examination:	20050413	A1	Date of request for examination: 20040824
Examination:	20050413	A1	Date of dispatch of the first examination report: 20041105
Change:	20060104	A1	Title of invention (German) changed: 20060104
Change:	20060104	A1	Title of invention (English) changed: 20060104
Change:	20060104	A1	Title of invention (French) changed: 20060104
Change:	20060503	A1	Title of invention (German) changed: 20060503
Change:	20060503	A1	Title of invention (English) changed: 20060503
Change:	20060510	A1	Title of invention (German) changed: 20060510
Change:	20060510	A1	Title of invention (English) changed: 20060510
Change:	20060510	A1	Title of invention (French) changed: 20060510
Grant:	20060719	B1	Granted patent
Change:	20070117	B1	Title of invention (German) changed: 20070117
Change:	20070117	B1	Title of invention (English) changed: 20070117
Change:	20070117	B1	Title of invention (French) changed: 20070117

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200515	570
SPEC A	(English)	200515	3615
CLAIMS B	(English)	200629	475
CLAIMS B	(German)	200629	382
CLAIMS B	(French)	200629	601
SPEC B	(English)	200629	3806
Total Word Count (Document A) 4186			

Total Word Count (Document B) 5264
Total Word Count (All Documents) 9450

Specification: ...SAS side and copies the changes into a client cache of a corresponding application process, the changes thus becoming effective.

If the ReplicationSlaveSiteDrivers of all **remote** SAS systems have taken over an entry of the replication queue at SPS side, this entry is cleared there. Accordingly, an entry is cleared on... ..sends the commit command M13' to both the master data base MDB and the proxy data base PDB. The further actions of updating the remote **data base** remains unchanged as described under Fig.3.

Delta replication:

Within existing replication methods of updating object oriented **data bases**, complete objects are distributed from a master **data base** to one or more slave **data bases** (SAS). This means that the replication sends an object, if at least one object attribute was changed on master side. It amounts to performance problems... ..large objects are changed in short time. Although often only one or a few attributes are changed, each object is sent completely to all slave **data bases** (SAS).

According to a further aspect of the invention, a so-called message concept is implemented. A message object contains the changed attributes of a **data base** object.

These message object will be moved to the replication queue, wherein the remote **data base** system reads the entries of this replication queue, takes them into further a replication queue on the remote side and maps the attribute values to the corresponding mirror **data base** object.

Delta Replication is a message concept, that offers the advantage to send only changed attributes of a data base object to be **updated**. This concept thus reduces the data traffic load.

Specification: ...SAS side and copies the changes into a client cache of a corresponding application process, the changes thus becoming effective.

If the ReplicationSlaveSiteDrivers of all **remote** SAS systems have taken over an entry of the replication queue at SPS side, this entry is cleared there. Accordingly, an entry is cleared on... ..sends the commit command M13' to both the master data base MDB and the proxy data base PDB. The further actions of updating the remote **data base** remains unchanged as described under Fig.3.

Delta replication:

Within existing replication methods of updating object oriented **data bases**, complete objects are distributed from a master **data base** to one or more slave **data bases** (SDB). This means that the replication sends an object, if at least one object attribute was changed on master side. It amounts to performance problems... ..large objects are changed in short time. Although often only one or a few attributes are changed, each object is sent completely to all slave **data bases** (SDB).

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of this replication queue, takes them into further a replication queue on the remote side and maps the attribute values to the corresponding mirror **data** base object.

Delta Replication is a message concept, that offers the advantage to send only changed attributes of a data base object to be **updated**. This concept thus reduces the data traffic load.

11/5K/2 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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01437020

PERSONAL CONTROL OF HEALTHCARE INFORMATION AND RELATED SYSTEMS, METHODS, AND DEVICES

CONTROLE PERSONNEL D'INFORMATIONS MEDICALES, ET SYSTEMES, PROCEDES ET DISPOSITIFS ASSOCIES

Patent Applicant/Patent Assignee:

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US; US (Residence); US (Nationality)
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- **FRANKEL Yair**; 122 Harrison Avenue, Westfield, New Jersey 07090
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Patent Applicant/Inventor:

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- **DOYLE Sean**
11 Circuit Lane, Watertown, Massachusetts 02472; US; US (Residence); US (Nationality);
- **FRANKEL Yair**
122 Harrison Avenue, Westfield, New Jersey 07090; US; US (Residence); US (Nationality);

Legal Representative:

- **CARROLL Christopher P(agent)**
FISH & NEAVE IP GROUP, ROPES & GRAY LLP, One International Place, Boston, Massachusetts
02110-2624; US;

	Country	Number	Kind	Date
--	---------	--------	------	------

Patent	WO	2006118628	A2	20061109
Application	WO	2006US5021		20060213
Priorities	US	2005652296		20050211

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;
SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06F-0019/00	A	I	F	B	20060101		H	EP

Publication Language: English

Filing Language: English

Fulltext word count: 25258

Type	Pub. Date	Kind	Text
Publication	20061109	A2	With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Detailed Description:

...owners may be a patient but can also be a healthcare provider or user of a healthcare provider where the provider wants to operate an **enterprise** gateway within their information domain. In certain embodiments when an **enterprise** gateway is utilized, a document dGUID has two owners with two separate accounts: 1) one owner is the patient and their eGUIDs are stored in domain **repositories**, and 2) the other owner is a provider **enterprise** (e.g., healthcare information system 306) and their eGUIDs are stored in an **intermediate (remote) repository** or in their **enterprise domain repositories**. The eGUID **copies** are separate and completely unrelated in terms of subsequent

security **log** entries or other administrative auditing.

[0207] If a patient as a document owner and/or the **enterprise** as a document owner want to have the actual eGUID sent to their "home" address so that they can bypass the primary registry in case of a disaster, then the registry 302 and/or **repository** 304 may include the capability to send the eGUID and any other healthcare information to the patient and/or **enterprise**. In another embodiment, the eGUID functions only as a difficult-to-guess identifier that is sent from the outside via CXP. Entries may be made...

11/5K/4 (Item 4 from file: 349) [Links](#)

PCT FULLTEXT

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00569844

CLIENT SERVER SYSTEM WITH THIN CLIENT ARCHITECTURE
SYSTEME CLIENT-SERVEUR A ARCHITECTURE DE CLIENTINIMALE

Patent Applicant/Patent Assignee:

- **SIEBEL SYSTEMS INC;**
;;
- **AMBROSE Jesse;**
;;
- **ARNAIZ Gilberto;**
;;
- **COKER John L;**
;;
- **HAHN Samuel;**
;;
- **KATCHOUR Ernst;**
;;
- **ROTHWEIN Thomas M;**
;;
- **SCHWARTZ David C;**
;;

	Country	Number	Kind	Date
Patent	WO	200033217	A1	20000608
Application	WO	99US28414		19991130
Priorities	US	98110191		19981130

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/30	Main

Publication Language: English

Filing Language:

Fulltext word count: 19872

English Abstract:

Web-based client-server systems with thin client architecture. More specifically, it relates to a method and system for transferring service requests and responses to the requests between a thin client (15) and an enterprise server in a client-server system.

French Abstract:

L'invention concerne des systemes client-serveur Internet, qui possedent une architecture de client minimale. Plus specialement, l'invention concerne un procede et un systeme de transfert de demandes de services et des reponses a ces demandes entre un client minimum (15) et un serveur d'entreprise, au sein d'un systeme client-serveur.

Detailed Description:

...applications or utilities. Upgrade kits are retrieved automatically during synchronization and applied using the Upgrade Wizard, fully automating all Siebel software maintenance for both Siebel **Remote** and Siebel Replication Manager implementations.

Complete server-side monitoring. The Siebel Remote Administration screens collect comprehensive data about the synchronization sessions of each Siebel

Remote...users to head off potential future problems or to analyze fully the effect of deploying additional Siebel features and options requiring additional data.

The Siebel **Enterprise** Server components that support Siebel Remote and Siebel 1 5 **Replication** Manager, including the **Replication** Agent, may be fully integrated with the Siebel Server Manager. From a single point, the Siebel administrator has a graphical user interface for full monitoring and control over all **Enterprise** Server components across the **enterprise**. A single, centrally located Siebel administrator can use Server Manager to monitor the status of the **Replication** Agent component and Siebel **Replication** Manager synchronization on each of many regional **databases** worldwide. This dramatically reduces administration costs and increases system availability and quality of service.

Scalable Architecture

The server-side processes that support Siebel Remote and Siebel **Replication** Manager are implemented as components in the Siebel **Enterprise** Server, Siebel's highly scalable **middle** tier application server. For maximum performance and scalability, each server component is implemented as a multithreaded application that can process multiple tasks or service multiple Siebel Remote mobile users simultaneously. Siebel Remote users' databases then can be distributed across multiple components operating on multiple Siebel Servers within a single **Enterprise** Server, providing unlimited scalability of the **middle** tier to meet the needs of very large distributed deployments.

The use of **Enterprise** Server components also ensures a high degree of Siebel Database Server scalability. During synchronization sessions, mobile users and **replication** agents do not open synchronous connections with the central database server, ensuring a low load on the Siebel Database Server and eliminating usage spikes that... ..the

database server.

Siebel's synchronization technology has clear, proven advantages in scalability and performance compared to alternative approaches that require each mobile user to log directly into the database during synchronization in order to sweep each table for changes. Such architectures place extreme loads on the database server during peak...

20/5K/5 (Item 5 from file: 349) [Links](#)

PCT FULLTEXT

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00514130

METHOD, APPARATUS, SYSTEM, AND PROGRAM PRODUCT FOR ATTACHING FILES AND OTHER OBJECTS TO A PARTIALLY REPLICATED DATABASE

METHODE, APPAREIL, SYSTEME ET PRODUIT PROGRAMME PERMETTANT D'ANNEXER DES FICHIERS ET D'AUTRES OBJETS A UNE BASE DE DONNEES PARTIELLEMENT REPRODUITE

Patent Applicant/Patent Assignee:

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;;
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;;
- **CHATTERJEE Prashant;**
;;
- **COHEN Jeffrey;**
;;
- **LIM Peter S;**
;;

	Country	Number	Kind	Date
Patent	WO	9945482	A1	19990910
Application	WO	99US4696		19990303
Priorities	US	9876681		19980303

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/30	Main

Publication Language: English

Filing Language:

Fulltext word count: 27913

English Abstract:

Attaching files and other objects in a distributed computing environment. This includes adding file attachments and non-database objects, such as, text data, web file data, image file data, and other file attachment objects to databases. These objects may be retrieved at the convenience of a node to which the objects are sent. Visibility rules can be set

to determine which attachments and objects are seen by a node. Distribution rules for an object determine whether a node must request the object or whether the node is forced to receive the object.

French Abstract:

Cette invention a trait a la mise en annexe de fichiers et d'autres objets dans un environnement DCE. Cette operation consiste a ajouter des annexes de fichier et des objets non-base de donnees, tels que donnees textuelles, donnees de fichier web, donnees de fichiers images et d'autres objets d'annexes de fichier, a des bases de donnees. Ces objets peuvent etre extraits selon les besoins d'un noeud auxquels les objets sont envoyes. Des regles de visibilite peuvent etre etablies afin de determiner quels sont les annexes et les objets vus par un noeud. Des regles de repartition relatives a un objet determinent si un noeud doit demander l'objet ou s'il est force de le recevoir.

Claims:

...file status of the files in a local file system to the mobile user.

71 The method of claim 5 further comprising:

a. enabling the **mobile** user to request a file that is previously deferred or is out of-date, and b. retrieving an up-to-date **copy** of the file in a next **docking** session.

72 The method of claim 1 further comprising a headquarters **database**, wherein the headquarters **database** comprises one or more of the group consisting of a **master database** and a collection of **databases**.

73 The method of claim 72 wherein the master **database** is a hierarchical collection of **databases**.

74 The method of claim 73 further comprising enabling a node or client to have full or partial **replicas** of any of the **databases**.

75 The method of claim 72 further comprising enabling a user to modify any of the **databases**.

76 The method of claim 75 further comprising enabling the user to modify objects within any of the **databases**, attributes of these objects, and values of these attributes.

77 The method of claim 72 further comprising synchronizing **databases** at least one client, comprising: propagating effects of a transaction from the headquarters database to the client.

78 The method of claim 77 further comprising...

23/5K/1 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00347147

APPARATUS AND METHOD FOR ORGANIZING TIMELINE DATA

DISPOSITIF ET METHODE D'ORGANISATION DES DONNEES D'UN ECHEANCIER

Patent Applicant/Patent Assignee:

- REITZ Carl A;

;;

	Country	Number	Kind	Date
Patent	WO	9629660	A1	19960926
Application	WO	96US2389		19960221
Priorities	US	95405733		19950317

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/30	Main

Publication Language: English

Filing Language:

Fulltext word count: 12244

English Abstract:

An apparatus and method for organizing timeline data includes a computer system (10) having a software program associated therewith capable of receiving a plurality of data messages associated with a calendar date (66) and organizing each of the data messages in a timeline according to its corresponding calendar date (66). Each data message and corresponding calendar date (66) is stored as a separate record in a database (30). Each data message may further include a time of day (68) associated therewith so that the data messages may further be organized in the timeline in accordance with the time of day (68) associated therewith. Each data message may further include a number of filtering identifiers (70-78) associated therewith such that subsets of the data messages may be generated having filtering identifiers (70-78) in common with desired filtering criteria, wherein any data message subset generated is organized in a timeline by calendar date (66) and time of day (68).

French Abstract:

Ce dispositif et cette methode d'organisation de donnees d'un echeancier dans lesquels on utilise un systeme (10) informatique auquel est associe un programme de logiciel capable de recevoir une pluralite de messages de donnees combines a une date (66) du calendrier et d'organiser chacun de ces messages dans un echeancier en fonction de sa date (66) de calendrier correspondante. Chaque message de donnees et chaque date (66) correspondante du calendrier sont stockes en tant qu'enregistrement separe dans une base de donnees (30). Chaque message de donnees peut comprendre en outre une heure du jour (68) qui lui est associee de maniere que les messages puissent etre, en

outre, organise dans l'echancier en fonction de cette heure (68). Chaque message de donnees peut egalement comprendre un certain nombre d'identificateurs (70-78) de filtrage, de telle maniere que des sous-ensembles de messages de donnees puissent etre produits qui possedent des identificateurs (70-78) de filtrage en commun avec les criteres souhaitees de filtrage, dans lesquels tout sous-ensemble de messages de donnees produit est organise dans un echancier par date (66) du calendrier et moment du jour (68).

Detailed Description:

...computer 12, or
on any of the jleLwoi:k computers NWI-NWn that may be considered to be "on-line" with the main system, The **remote** computer 20 is typically run in the slave mode since it does not have direct access to the Notepad data base contained in the main... ..this file, as is commonly known
Lo those skilled in the art, the Timeline Notepad software program may be made to run in either the **master** mode or slave mode.

Referring now to FIG. 9. the Synchronization window 250 permits the merging into a **master** Notepad of those entries made off-line in slave mode. Synchronization window 250 includes a PATH/FILE field 252 for entering the path and file name of the Notepad file on the slave system to be merged into the **master** system. A slave system Notepad file may be merged from the hai.d drive of the slave system in, for example, a **docking** station set up such as that shown between **remote** computer 20 and main computer 12 of FIG. 1, from a memory device such as rmemory device 22 shown in FIG. 1, or front a... ..in FIG. 1. Typically, approximately 1000 records cati be synchronized per ntinuLe depending on the speed of the computers involveLl, if the slave Notepad is **copied** from the hard drive of the slave system 20 to the hard drive of the main compuLer 12.

The SYNC field 108 and E'DITEL... ..of Notepad record 560 (as well as Sync field 146 and Edited field 148 of Lhe CLIENT EDITOR window 130 of FIG. 5) tell the **master** system how to treat a record during the synchronization process.

Only a program running in the slave mode puts checks in Lhese fields. In fact ...

26/5K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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02038564

Secure transaction management

Sicheres Transaktionsmanagement

Gestion de transactions securisees

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	Country	Number	Kind	Date	
Patent	EP	1643340	A2	20060405	(Basic)
	EP	1643340	A3	20060531	
Application	EP	2005077923		19960213	
Priorities	US	388107		19950213	

Designated States:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE;

Related Parent Numbers: Patent (Application):EP 861461 (EP 96922371)

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06F-0001/00	A	I	F	B	20060101	20060213	H	EP

Abstract EP 1643340 A3

A method of and apparatus for assembling software elements to form a component assembly (690) are described. A record (808) containing information identifying the software elements (1000, 1100, 1200, 1202, 690) to be assembled to form the component assembly is accessed. At least some of the software elements (1000, 1100) identified by the record comprise executable program code and at least one of the software elements is a load module (1100) comprising executable program code and a header (804) having an execution space identifier identifying which of a number of different security levels is required of a component assembly execution space. The software elements identified by the record are assembled to form a component assembly (690) that may, in use, be loaded and executed when the level of security of the component assembly execution space matches the level of security identified by the execution space identifier.

Abstract Word Count: 147

NOTE: 5b

NOTE: Figure number on first page: 5b

Type	Pub. Date	Kind	Text
Application:	20060405	A2	Published application without search report
Search Report:	20060531	A3	Separate publication of the search report
Change:	20060920	A2	Title of invention (German) changed: 20060920
Change:	20060920	A2	Title of invention (English) changed: 20060920
Change:	20060920	A2	Title of invention (French) changed: 20060920
Change:	20061011	A2	Title of invention (German) changed: 20061011
Change:	20061011	A2	Title of invention (English) changed: 20061011
Change:	20061011	A2	Title of invention (French) changed: 20061011

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200614	2171
SPEC A	(English)	200614	193720
Total Word Count (Document A) 195924			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 195924			

Specification: ...to another party with a VDE arrangement, including giving away such currency. A VDE card can retain details of transactions in a highly secure and **database** organized fashion so that financially related information is both consolidated and very easily retrieved and/or analyzed. Because of the VDE security, including use of effective encryption, authentication, digital signaturing, and secure **database** structures, the records contained within a VDE card arrangement may be accepted as valid transaction records for government and/or corporate recordkeeping requirements. In some embodiments of the present invention a VDE card may employ **docking** station and/or electronic appliance storage means and/or share other VDE arrangement means local to said appliance and/or available across a network, to... ..be automatically computed based on "authentic" information securely stored and available to said VDE card. Said information may be stored in said card, in said **docking** station, in an associated electronic appliance, and/or other device operatively attached thereto, and/or remotely, such as at a remote **server** site. A card's data, e.g. transaction history, can be backed up to an individual's personal computer or other electronic appliance and such... ..of its own. A current transaction, recent transactions (for redundancy), or all

or other selected card data may be backed up to a remote backup **repository**, such a VDE compatible **repository** at a financial clearinghouse, during each or periodic **docking** for a financial transaction and/or information communication such as a user/merchant transaction. Backing up at least the current transaction during a connection with... ..s VDE installation (for example a VDE installation that is also on a financial or general purpose electronic network), by posting transaction information to a **remote** clearinghouse and/or bank, can ensure that sufficient backup is conducted to enable complete reconstruction of VDE card internal information in the event of a...

33/5K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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00879208

Method for caching network and CD-ROM file accesses using a local hard disk

Verfahren zum Cache-Speichern von Netzwerk- und CD-ROM-Zugriffen unter Verwendung einer lokalen Festplatte

Procede pour mettre en antememoire des acces au reseau et au CD-ROM en utilisant un disque dur local

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	Country	Number	Kind	Date	
Patent	EP	805395	A1	19971105	(Basic)
	EP	805395	B1	19991006	
Application	EP	97201079		19970411	
Priorities	US	640527		19960501	

Designated States:

DE; FR; GB; NL; SE;

International Patent Class (V7): G06F-012/08; G06F-017/30**CITED PATENTS: (EP B)**

EP 667579 A; EP 713183 A; WO 95/24685 A; US 5577224 A; **Abstract** EP 805395 A1

A non-volatile caching system and a method for implement such a system is disclosed. The system is particularly applicable to rotating magnetic media such as hard disk drives. The system retains data even in the event of system shut-down and re-boot. The system is capable of rapidly caching data from large, randomly accessed files, such as databases, in a space-efficient manner. The cached data can be stored in nearly any standard or non-standard format on the magnetic media. A conversion routine (210) converts CD-ROM file names or network file names to local hard disk drive file names and back. A mini-database is created (213) for each cached file on the hard disk drive. The mini-database maps randomly accessed blocks of data within the cached file on the local hard disk drive.

Abstract Word Count: 132

NOTE: 2

NOTE: Figure number on first page: 2

Type	Pub. Date	Kind	Text
Oppn None:	20000920	B1	No opposition filed: 20000707
Application:	19971105	A1	Published application (A1with;A2without)
Examination:	19980121	A1	Date of filing of request for examination: 971124
Examination:	19980318	A1	Date of despatch of first examination report: 980128
*Assignee:	19990616	A1	Applicant (transfer of rights) (change): SUN MICROSYSTEMS, INC.
*Assignee:	19990616	A1	Previous applicant in case of transfer of rights (change): SUN MICROSYSTEMS, INC.
Grant:	19991006	B1	Granted patent

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9710W5	2411
SPEC A	(English)	9710W5	3098
CLAIMS B	(English)	9940	1849
CLAIMS B	(German)	9940	1836
CLAIMS B	(French)	9940	2317
SPEC B	(English)	9940	3229
Total Word Count (Document A) 5510			
Total Word Count (Document B) 9231			
Total Word Count (All Documents) 14741			

Specification: ...the I/O operation while implementing a caching scheme in accordance with set-up instructions which have been pre-programmed by the user of a **local** node.

Rather than create separate caching products for Windows 3.X and Windows 95, the PC-CacheFS caching product has been designed so that it... ..virtual device driver that will run under Windows 3.X has been written from scratch, following the Windows 95 IFSMGR VxD specification provided by Microsoft Corporation. Thus, neither the PC -CacheFS caching product (VxD) nor the Windows operating systems, themselves, need be rewritten for the sake of compatibility.

WO-95 24685-A relates to the manner in which a workstation's **local** cache is **updated** as a result of the workstation receiving a file write command from an application that is connected to the workstation. A portable workstation client operates either connected to or disconnected from a **local** area network/wide area network (LAN/WAN). Such a client workstation has a cache manager that includes (1) a non-volatile client cache, (2) a volume information **database**, and (3) a modification **log database**. When a file write command is received by the workstation, if the file is in the workstation's cache the cache is **updated**, and then tested to see if the related volume is connected to the workstation. If it is not (i.e., if the workstation is disconnected... ..determined if the related volume is connected to the workstation. If yes, then the file is requested from the related volume, and the cache is **updated**. If no, then the file write request cannot be satisfied , and a failure is signaled to the application that issued the file write request.

33/5K/2 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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00822948

Synchronization between dissimilar computer server environments

Synchronisierung zwischen verschiedenen Computeranbieterumgebungen

Synchronisation entre des environnements de serveurs informatiques differents

Patent Assignee:

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	Country	Number	Kind	Date	
Patent	EP	765062	A2	19970326	(Basic)
	EP	765062	A3	20040225	
	EP	765062	B1	20051123	
Application	EP	96306844		19960920	
Priorities	US	533296		19950925	

Designated States:

DE; FR; GB;

International Patent Class (V7): G06F-017/30CITED PATENTS: (EP B)

US 4432057 A; US 5261094 A; Abstract EP 765062 A2

A database synchronization system for synchronizing a plurality of local databases in a plurality of distributed computing systems is disclosed. The plurality of distributed computing systems form a distributed computing

environment (DCE). The synchronization system includes a system server, a registry database, coupled to the system server, a local area network (LAN) synchronization server, coupled to the system server, a LAN server synchronization library, coupled to the system server, and a LAN server, coupled to the LAN synchronization server and selected ones of the plurality distributed computing systems forming a LAN. Synchronization between the LAN and the DCE registry occurs when registry modifications in the registry database affecting at least one of the plurality of local LAN databases invokes the LAN server synchronization library to synchronize the affected database. The synchronization system utilizes a registry database coupled to each of the local databases. A primary replica is coupled to the registry database that synchronizes each local database within the DCE with the registry database. A secondary replica is then coupled to the primary replica, that synchronizes at least one local area network (LAN) server that includes selected ones of the plurality of computing systems and their respective databases with the registry database.

Abstract Word Count: 203

NOTE: 3

NOTE: Figure number on first page: 3

Type	Pub. Date	Kind	Text
Change:	20040211	A2	International Patent Classification changed: 20031220
Application:	19970326	A2	Published application (A1with;A2without)
Change:	20061102	B1	Title of invention (French) changed: 20061102
Change:	20061102	B1	Title of invention (English) changed: 20061102
Change:	20061102	B1	Title of invention (German) changed: 20061102
Examination:	20040512	A2	Date of request for examination: 20040310
Search Report:	20040225	A3	Separate publication of the search report
Examination:	20040602	A2	Date of dispatch of the first examination report: 20040419
Grant:	20051123	B1	Granted patent

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	584
SPEC A	(English)	EPAB97	10106
CLAIMS B	(English)	200547	624
CLAIMS B	(German)	200547	625
CLAIMS B	(French)	200547	852
SPEC B	(English)	200547	10117
Total Word Count (Document A) 10691			
Total Word Count (Document B) 12218			
Total Word Count (All Documents) 22909			

Specification: ...to this client. It sends the sequence number of the last update that was successfully synchronized with the local client's database.

The "process(underscore)**update**" task sends one of the following return codes to the "sync(underscore)complete" RPC:

- rpc(underscore)s(underscore)ok

All updates were synchronized successfully. The... ..with sequence number lower than the last sequence number.

Figure 6 illustrates a diagram of the master replica update process used to maintain the registry **database**. Again, only one master replica is allowed in the cell, which is also known as the primary replica. The master security server 70 establishes a master or primary replica and accepts updates to its registry **database** 72 from clients. Other replicas, typically known as **slave** or secondary replicas, accept only reads from clients. The master replica propagates any updates to the **slave** replicas. For example, either a primary or a secondary replica can provide account information to a client program. If it is desired, however, to add an account or change password information, those **updates** can be only handled by the **master replica**. The security tools that access the **replicas** automatically bind to the type of **replica** that is required for the operation they are performing.

When the primary **replica** (**master** security server 70) receives an update, in this example, a **database** update, it applies the updates to its **database** in virtual memory 74, and saves a copy of each update in a log file 76 that is stored on disk. Updates accumulate in log file 76 in sequential numerical order. If a **server** restarts unexpectedly, the **log** file ensures that no updates are lost. Periodically, the replica writes the **database** in virtual memory 74 to disk 72, thus bringing the disk copy up to date. Then, if the replica is a secondary replica, it clears the log file of all updates. If the replica is the **master** replica, it clears the log file of all updates that have been propagated to the slave replicas. Updates that have not been propagated to the... ..the database in virtual memory and to its propagation queue 80. Periodically, server 70 writes the database in virtual memory 74 to disk 72. The **master** replica uses its propagation queue 80 to propagate updates to secondary replicas. When the **master** replica restarts, it restores propagation queue 60 from log file 76.

Only the **master** replica maintains a propagation queue 80 that is used to hold changes to be propagated to the secondary replicas. When the **master** replica receives an update, it adds to propagation queue 80 in addition to its virtual memory **database** 74 and its **log** file 76. Each update in a propagation queue 80 is identified by a sequence number and time stamp. The sequence number is used internally to control the propagation of updates to secondary replicas. The time stamp is provided to show users date and time of updates.

When a **master** or secondary replica starts, it initializes its **database** in virtual memory 74 and then applies any outstanding updates in **log** file 76 to its **database** 72. If the replica is the **master** replica, it also recreates propagation queue 80 from log file 76 so that any outstanding secondary updates can be propagated. This mechanism ensures that no updates are lost when a server is shut down. It is for these operations that synchronization is important.

Thus has been disclosed and described a **database** synchronization system for synchronizing a plurality of local **databases** in a plurality of distributed computing systems is disclosed. The plurality of distributed computing systems form a distributed computing environment (DCE). The synchronization system includes... ..to the registry database that synchronizes each local database within the DCE with the registry database. A secondary replica is then coupled to the primary **replica**, that synchronizes at least one local area network (LAN) server that includes selected ones of the plurality of computing systems and their respective databases with...

Specification: ...to this client. It sends the sequence number of the last update that was successfully synchronized with the local client's database.

The "process(underscore)**update**" task sends one of the following return codes to the "sync(underscore)complete" RPC:

- rpc(underscore)s(underscore)ok

All updates were synchronized successfully. The... ..the database in virtual memory and to its propagation queue 80. Periodically, server 70 writes the database in virtual memory 74 to disk 72. The **master** replica uses its propagation queue 80 to propagate updates to secondary replicas. When the **master** replica restarts, it restores propagation queue 80 from log file 76.

Only the **master** replica maintains a propagation queue 80 that is used to hold changes to be propagated to the secondary replicas. When the **master** replica receives an update, it adds to propagation queue 80 in addition to its virtual memory **database** 74 and its **log** file 76. Each update in a propagation queue 80 is identified by a sequence number and time stamp. The sequence number is used internally to control the propagation of updates to secondary replicas. The time stamp is provided to show users date and time of updates.

when a **master** or secondary replica starts, it initializes its **database** in virtual memory 74 and then applies any outstanding updates in **log** file 76 to its **database** 72. If the replica is the **master** replica, it also recreates propagation queue 80 from log file 76 so that any outstanding secondary updates can be propagated. This mechanism ensures that no updates are lost when a server is shut down. It is for these operations that synchronization is important.

Thus has been disclosed and described a **database** synchronization system for synchronizing a plurality of local **databases** in a plurality of distributed computing systems is disclosed. The plurality of distributed computing systems form a distributed computing environment (DCE). The synchronization system includes... ..to the registry database that synchronizes each local database within the DCE with the registry database. A secondary replica is then coupled to the primary **replica**, that synchronizes at least one local area network (LAN) server that includes selected ones of the plurality of computing systems and their respective databases with...

33/5K/3 (Item 3 from file: 348) [Links](#)

EUROPEAN PATENTS

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00809225

Method and apparatus for a system wide logon in a distributed computing environment

Verfahren und Vorrichtung zur einmaligen Anmeldung in einer Umgebung für verteilte Berechnungen

Procédé et moyen d'entrée globale au système dans un environnement à calcul distribué

Patent Assignee:

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Legal Representative:

- **Williams, Julian David (75461)**
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	Country	Number	Kind	Date	
Patent	EP	751453	A1	19970102	(Basic)
	EP	751453	B1	20000906	
Application	EP	96303728		19960524	
Priorities	US	497300		19950630	

Designated States:

DE; FR; GB;

International Patent Class (V7): G06F-001/00CITED PATENTS: (EP B)

EP 573248 A; Abstract EP 751453 A1

A system wide sign-on capability in a distributed computing environment (DCE) is provided. Acquired distributed computing environment credentials are usable by any process/window on a desktop. DCE logon application programming interfaces create and recognize the presence of a credentials cache capable of being used by DCE processes in the system. System wide logon occurs whenever the logon API is invoked with the environment variable set. This API is called as a result of the system logon option having been selected. The API updates a global variable with the name of the credentials cache. A process variable is set to the global value by initialization logic for all subsequently invoked applications. As a result, any calls made by these application will acquire the

credentials identified by the variable.

Abstract Word Count: 128

NOTE: 1

NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
Grant:	20000906	B1	Granted patent
Examination:	20000202	A1	Date of dispatch of the first examination report: 19990520
Change:	20060405	B1	Title of invention (French) changed: 20060405
Change:	20060405	B1	Title of invention (English) changed: 20060405
Change:	20060405	B1	Title of invention (German) changed: 20060405
Lapse:	20020109	B1	Date of lapse of European Patent in a contracting state (Country, date): FR 20010202,
Oppn None:	20010822	B1	No opposition filed: 20010607
Lapse:	20020327	B1	Date of lapse of European Patent in a contracting state (Country, date): DE 20001207, FR 20010202,
Application:	19970102	A1	Published application (A1with;A2without)
Examination:	19970625	A1	Date of filing of request for examination: 970419
Examination:	19990707	A1	Date of despatch of first examination report: 990520

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200036	294
CLAIMS B	(German)	200036	277
CLAIMS B	(French)	200036	383
SPEC B	(English)	200036	2965
Total Word Count (Document A) 0			
Total Word Count (Document B) 3919			
Total Word Count (All Documents) 3919			

33/5K/4 (Item 4 from file: 348) [Links](#)

EUROPEAN PATENTS

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00537982

Public laundry facility management system.

Verwaltungssystem für öffentliche Waschereien.

Système de gestion d'une laverie publique.

Patent Assignee:

- **Hooper, John Bruorton; (1481570)**
70 Beacon Street; Marblehead, Massachusetts 01945; (US)
(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)
- **Hooper, Jefferson Colt; (1481610)**
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(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;PT;SE)

Inventor:

- **Hooper, John Bruorton**
70 Beacon Street; Marblehead, Massachusetts 01945; (US)
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44 Summer Street; Nahant, Massachusetts 01908; (US)

Legal Representative:

- **Meeks, Frank Burton et al (33784)**
BREWER & SON Quality House Quality Court Chancery Lane; London WC2A 1HT; (GB)

	Country	Number	Kind	Date	
Patent	EP	505137	A2	19920923	(Basic)
	EP	505137	A3	19930421	
Application	EP	92302270		19920317	
Priorities	US	671252		19910318	

Designated States:

AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
LI; LU; MC; NL; PT; SE;

International Patent Class (V7): G07F-017/20; G06F-015/22; G07F-007/00; **CITED PATENTS: (EP A)**

WO 8502701 A; GB 2234837 A; **Abstract** EP 505137 A2

Laundry facility management system comprises a laundry service device (12), controlled by an operating control (60); and a local controller (62) connected to the service device and a central controller (88), connected together for the transfer of information between them. The local controller (62) stores a current device rate (82), representing current cost of service provided by the connected service device, and reads a card identifier provided on and uniquely identifying a presented service card (36). Local controller request means derives from a read card identifier

and from the current device rate (82) an authorization request, and transmits it to the central controller (88). The central controller (88) receives an account balance payment message providing a particular card identifier and a payment value, and stores account balance signals for at least one account, each account being uniquely indexed by a particular card identifier. Account managing means (94) responds to a received authorization request to update the account balance indexed by the card identifier of the authorization request by the current device rate value (82) of the authorization request, and transmits an authorization message to the local controller (62). The local controller (62) responds to a received authorization message to output a control signal on the control output to control the service device operating control (12) to provide the requested service. The account managing means (94) responds to a received account balance payment message to credit the stored account balance indexed by the particular card identifier by the payment value of the received account balance message. (see image in original document)

Abstract Word Count: 262

Type	Pub. Date	Kind	Text
Application:	19920923	A2	Published application (A1with;A2without)
Search Report:	19930421	A3	Separate publication of the European or International search report
Examination:	19931215	A2	Date of filing of request for examination: 931014
Examination:	19950517	A2	Date of despatch of first examination report: 950329
Withdrawal:	19960131	A2	Date on which the European patent application was deemed to be withdrawn: 950809

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)		4064
SPEC A	(English)		6547
Total Word Count (Document A) 10611			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 10611			

Specification: ...are connected together for the transfer of information among them.

Card dispenser 22, central controller 88, and, for each service device in facility 10, a **local** controller 62, are connected together by network line 110 for the transfer of information among them. It will be appreciated that a plurality of **local** controllers 62 are connected to line 110 but not shown in Fig. 3. Line 110 desirably provides two signal conductors (high and low) comprising a... 114, card reader and card supply manager 116, and account request manager 120. Central controller storage 92 provides program modules 92, including communications handler 122, **log manager** 124, **master manager** 125, **database manager** 126, keypad manager 127, devices manager 128, and card dispenser manager 129. **Local** controller storage 74 provides program modules 74, including communications handler 130, display manager 132, card reader manager 134, control output manager 136, account request manager 138, and rate **update** manager 139.

Referring now to Fig. 6, messages and requests transmitted among the **local** controllers, central controller, and card dispenser begin with a SOM (start of message) field and end with an EOM (end of message) field. A "from..

33/5K/5 (Item 5 from file: 348) [Links](#)

EUROPEAN PATENTS

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00358782

Electronic audio communication system with user controlled message address

System zur elektronischen Übermittlung von Audiosignalen mit Nachrichtenadresssteuerung durch den Anwender

Système de communication électronique de signaux audio dans lequel l'adresse de message est sélectionnée par l'utilisateur

Patent Assignee:

- **VMX INC.;** (1659190)
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(applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)

Inventor:

- **Matthews, Gordon Houston**
3700 Lost Creek Boulevard; Austin Texas 78735; (US)
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3916 Greenbrier; Dallas Texas 75225; (US)
- **Fannin, Michael Lowe**
6706, Churchill Way; Dallas Texas 75230; (US)

Legal Representative:

- **Schmidt, Steffen J. et al (70551)**
Patentanwalt Steffen J. Schmidt, Kazmairstrasse 26, Postfach 12 14 27; 80036 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	336524	A2	19891011	(Basic)
	EP	336524	A3	19891129	
	EP	336524	B1	19940105	
Application	EP	89201723		19830922	
Priorities	US	427640		19820929	
	US	427687		19820929	
	US	428161		19820929	

Designated States:

AT; BE; CH; DE; FR; GB; IT; LI; LU; NL;
SE;

Related Parent Numbers: Patent (Application):EP 106575

International Patent Class (V7): H04M-003/50**CITED PATENTS: (EP A)**

An advanced electronic telecommunications system is provided for the deposit, storage and delivery of audio messages to both user and non-users with limited access provided to the non-user under the control of the user. A Voice Message System (10) interconnects multiple, private exchanges (12) of a subscriber with a central telephone office (22). Individual subscriber users may access the Voice Message System (10) through ON NET telephones (18) or OFF NET telephones (24). Selected non-users may be allowed access through the OFF NET telephones (24), the scope of the access of the selected non-users determined by a subscriber user. The Voice Message System (10) includes an administrative subsystem (60), called processor subsystem (62) and a data storage subsystem (64). The Voice Message System (10) enables the user to deposit a message in data storage subsystem (64) for automatic delivery to other addresses connected to the system. The user is also able to deposit a message in a receive-only portion of the data subsystem (60) for access by a selected non-user. The Voice Message System (10) also enables a user to access the system to determine if any messages have been in data storage subsystem (64) for him. Prerecorded instructional messages are deposited in the data storage subsystem (64) for instructing a user or a selected non-user on their progress in using the system.

Abstract Word Count: 227

Type	Pub. Date	Kind	Text
Lapse:	20040915	B2	Date of lapse of European Patent in a contracting state (Country, date): AT 19940105, BE 19970930, CH 19940105, LI 19940105, LU 19970922, NL 19980401,
Lapse:	20000209	B2	Date of lapse of European Patent in a contracting state (Country, date): AT 19940105, BE 19970930, CH 19940105, LI 19940105, LU 19970930, NL 19980401,
Application:	19891011	A2	Published application (A1with;A2without)
Change:	19891018	A2	Representative (change)
Search Report:	19891129	A3	Separate publication of the European or International search report
Change:	19891213	A2	Inventor (change)
Examination:	19900704	A2	Date of filing of request for examination: 900502
Examination:	19920729	A2	Date of despatch of first examination report: 920616
Change:	19930630	A2	Representative (change)
*Assignee:	19931208	A2	Applicant (transfer of rights) (change): VMX INC.
Grant:	19940105	B1	Granted patent
Lapse:	19940803	B1	Date of lapse of the European patent in a Contracting State: CH 940105, LI 940105
Lapse:	19940803	B1	Date of lapse of the European patent in a Contracting State: CH 940105, LI 940105
Lapse:	19941117	B1	Date of lapse of the European patent in a Contracting State: AT 940105, CH 940105, LI 940105
Oppn:	19941130	B1	Opposition 01/941005 Alcatel N.V.; Strawinskylaan 341; NL-1077 XX AMSTERDAM; (NL)(Representative:)Graf, Georg Hugo, Dipl.-Ing.; Alcatel SEL AG Patent- und Lizenzwesen Schwieberdinger Strasse 9; D-70435 Stuttgart; (DE)

*Oppn:	19970514	B1	Opposition (change) 01/941005 Alcatel N.V.; Strawinskylaan 341; NL-1077 XX AMSTERDAM; (NL)(Representative:)Pohl, Herbert, Dipl.-Ing.; Alcatel Alsthom, Postfach 30 09 29; 70449 Stuttgart; (DE)
Lapse:	19980722	B1	Date of lapse of the European patent in a Contracting State: AT 940105, CH 940105, LI 940105, NL 980401
Lapse:	19981111	B1	Date of lapse of the European patent in a Contracting State: AT 940105, BE 970930, CH 940105, LI 940105, NL 980401
Amended:	19990113	B2	Maintenance of the European patent as amended

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9902	816
CLAIMS B	(German)	9902	840
CLAIMS B	(French)	9902	899
SPEC B	(English)	9902	20037
Total Word Count (Document A) 0			
Total Word Count (Document B) 22592			
Total Word Count (All Documents) 22592			

Specification: ...area to another in disk storage, or transferring data from disk storage to/from diskettes. A Canned Voice Message (CVM) Utility program 836 prepares in a form suitable for storage on the system disks 120 the digitized voice data for the VMS canned voice messages. 80/30 Master Processor Online Programs

The Master Processor **Online** Program 808 runs in the master processor of the administrative subsystem 60 during online operation. Some of these programs are not limited to online use... ...the system into an online state. These functions include initializing (or restoring) global system tables in memory, and giving instructions for the other processors (the **master** and the multiple call processors) to initialize themselves. A VMS Command Processor (COMSUP) program 840 provides all the functions required to support the VMS online... ...A Journal/Alarm Message Generator program 842 is to create and format, at the request of other programs in the system, journaling and alarm messages **that** are destined to be **displayed** on the system line printer 108. Journal **messages**, which are normally no more than one or two lines in length, are used to create a running **log** of "events" that occur **during** normal system operation. Alarm messages are used to log the occurrence of "abnormal" conditions that may require action by the system operator. A Printer Spooler program 844 "spools" the **incoming** requests for **log** messages to the **system** disk, and also to subsequently "de-spool" the messages and print them on the line printer 108. This mechanism allows printed messages to be temporarily buffered on disk while waiting for the line printer 108 to become available.

The CRT Control program... ...programs requesting output operations to the printer.

Report Generator Programs 850 programs prepare, in a form suitable for the line printer, statistical reports on various **aspects** of **system** operations.

80/30 **Slave** Processor Online Programs

The programs of the **Slave Processor Online Programs 810** runs in the administrative subsystem 60 during online operation. The functions of most of these programs can be summarized by saying...

33/5K/6 (Item 6 from file: 349) [Links](#)

PCT FULLTEXT

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00281639

SYSTEM FOR REGISTRATION, IDENTIFICATION, AND AUTHENTICATION OF ITEMS

SYSTEME POUR L'ENREGISTREMENT, L'IDENTIFICATION ET L'AUTHENTIFICATION D'OBJETS

Patent Applicant/Patent Assignee:

- **VERIFICATION TECHNOLOGIES INC;**

;;

	Country	Number	Kind	Date
Patent	WO	9429817	A1	19941222
Application	WO	94US6614		19940610
Priorities	US	9375149		19930610

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
G06K-009/00	Main

Publication Language: English

Filing Language:

Fulltext word count: 9999

English Abstract:

A method and system for determining the authenticity of an item such as an original work of art (12) uses one or more unique patterns or features on the item, preferably at a microscopic level, as "signatures" of the item. Images of these unique signatures are recorded and stored electronically. The data are registered with identifying text and stored in a secure location (90). Following this registration, an item presented as authentic can be examined at prescribed sites on the item where the originally stored signatures were taken. Comparison can be made electronically or visually. The storage location (90) can be remote from local verification stations (10a), with data transferred by telephone or other communication lines (80).

French Abstract:

Procede et systeme permettant de determiner l'authenticite d'un objet tel qu'une oeuvre d'art (12) originale. Selon l'invention, un ou plusieurs motifs ou traits uniques de l'objet, de preference de grandeur microscopique, sont utilises comme "signatures" de l'objet. Des images de ces signatures uniques sont enregistrees et stockees electroniquement. Les donnees sont enregistrees avec un texte d'identification et stockees en lieu sur (90). A la suite de cet enregistrement, un objet presente comme authentique peut etre examine en des points prescrits de l'objet ou les signatures stockees a l'origine on ete relevees. La comparaison peut se faire electroniquement ou visuellement. Le lieu de stockage (90) peut etre eloigne de postes de verification (10a) locaux, les donnees etant transferees par telephone ou par d'autres lignes de communication (80).

Detailed Description:

...shares similar capabilities with the recording equipment, validation equipment cannot record or alter registered reference data, It simply acts as a remote terminal to the **master** system data base and can be operated by any system authorized and trained individual.

The validation procedure entails placing the work on an appropriate examination... ..video microscope probe over a reference site for the artwork, and comparing the actual artwork to one of its reference images stored within the system **master data base**, To accomplish this comparison, the operator logs his **local** verification terminal onto a verification network of the system by common **local**, long distance or international telephone lines or by other communication links which may be dedicated links, if desired, Once the dealer has **logged** onto the system network, a **system** catalog number for the item in question should be entered, When the catalog number of the work is verified, the system **master data base** electronically transfers the currently registered referenced image or images set for that work to the validation station, i.e, the **local** terminal.

Next, the reference image or images are compared with a **local** real-time video image of the actual work, at the same level of magnification, for correlation. Most works will require only a simple visual comparison at the level of magnification involved, for each reference site. The system, through the **local** terminal, can make available a printed **copy** of the live and reference images, as a record of the validation procedure, More expensive works can additionally utilize a fully interactive image auto correlation... ..is fully automated and performed in real time. If this auto correlation step is selected, the results of the correlation as well as the hard **copy** of the initial visual comparison, is output from the local system printer as a paper record of the validation procedure, The validation process may also...



database (copy OR update) (remote OR mobile OR wifi) (intermediary OR docking) logg... 1800 - 1997 Search

Adv
Sci
Sci

Scholar All articles Recent articles Results 1 - 20 of about 112 for **database (copy OR update) (remote OR mobile OR wifi) (intermediary OR docking) logg...**

All Results

[K Petersen](#)

[A Joseph](#)

[T Sheridan](#)

[M Spreitzer](#)

[D Terry](#)

Flexible update propagation for weakly consistent replication - group of 30 »
K Petersen, MJ Spreitzer, DB Terry, MM Theimer, AJ ... - ACM SIGOPS Operating Systems Review, 1997 - portal.acm.org
... To **copy** otherwise, to republish, to post on ... Eventual consistency: each **update** eventually reaches every replica, and ... same updates have the same **database** contents ...
Cited by 283 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

A mobile transaction model that captures both the data and movement behavior - group of 13 »

MH Dunham, A Helal, S Balakrishnan - **Mobile** Networks and Applications, 1997 - Springer
... transaction case, it suffices for any **remote** site to ... a data item (caused by a concurrent **update**) should be ... A distributed **database** system is a perfect exam- ple ...
Cited by 125 - [Related Articles](#) - [Web Search](#)

[book] Rover: a toolkit for mobile information access - group of 4 »

AD Joseph, AF de Lespinasse, JA Tauber, DK Gifford ... - 1995 - ACM Press New York, NY, USA
... have built a calendar tool and a bibliographic **database**. ... the method modifies the primary **copy** and sends ... If a method call at the server detects an **update-update** ...
Cited by 241 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Security in enterprise networking: A quick tour - group of 3 »

P Lin, L Lin, NTMC Syst, O Toronto - Communications Magazine, IEEE, 1996 - ieeexplore.ieee.org
... is gener- ated synchronously by its own **copy** of the ... The authentication server indexes into a **database** of user ... an open network as part of **remote** procedure call ...
Cited by 10 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

... management information system with rule-based applications structure stored in a relational database - group of 3 »

AR Moore, LJ Poulos, LG DeFazio - US Patent 5,446,885, 1995 - Google Patents
... 816 Page 9. 06 S PRIMARY NODE CMIS **DATABASE** 708-^ GfIMS (CMIS) **ENTERPRISE DATABASE** <-
•MM 12 1^ 702 OBJECT INSTANCE TABLE 1GRMS WORKSTATION DATA TABLES 70 L ...
Cited by 49 - [Related Articles](#) - [Web Search](#)

Distributed File Systems: Concepts and Examples - group of 18 »

E LEVY, A SILBERSCHATZ - ACM Computing Surveys, 1990 - portal.acm.org
... To **copy** otherwise, or to republish, requires a fee and ... DFS should not distinguish between local and **remote** files ... mobility, which implies that users can **log** in to ...
Cited by 147 - [Related Articles](#) - [Web Search](#) - [Library Search](#)

Support Services for Remote Users of Online Public Access Catalogs - group of 3 »

SW Kalin - RQ, 1991 - ala.org

... are obtaining site licenses for commercial **database** management packages ... are given a preconfigured **copy** of ProComm ... To use an OPAC successfully, **remote** users must ...
[Cited by 1](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

... system having a **docking** bay and a hand-held portable computer adapted to dock in the **docking** bay by ... - group of 3 »
D Kikinis, P Dornier, WJ Seiler... - US Patent 5,600,800, 1997 - Google Patents
... HAVING A **DOCKING** BAY AND A HAND-HELD PORTABLE COMPUTER ADAPTED TO DOCK IN THE **DOCKING** BAY BY A FULL ... What is needed is a quick and convenient means to **update** and
[Cited by 29](#) - [Related Articles](#) - [Web Search](#)

DCE security service - group of 2 »
F Gittler, AC Hopkins - Hewlett-Packard Journal, 1995 - hpl.hp.com
... an application to authenticate itself to a **remote** party and ... key and the machine TGT along with a **copy** of the ... secret key stored in the registry **database** 8 . If ...
[Cited by 4](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

The new middleware - group of 2 »
R Finkelstein - ACM SIGMOD Record, 1995 - portal.acm.org
... of InterViso's distributed query and **update** capabilities. ... needed to connect to a **remote** Informix **database** ... is delivered to the target **database** server platform ...
[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PS] An Execution Reply Facility and Event-based Debugger for the Enterprise Parallel Programming System - group of 2 »
PJ Iglinski - 1994 - cs.ualberta.ca
... of the requirements for the degree of **Master** of Science ... during any execution of an **Enterprise** program. This **log** contains sufficient information on all message ...
[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

[BOOK] Parallel Database Systems:: PRISMA Workshop, Noordwijk, the Netherlands, September 24-26, 1990: ...
P America - 1991 - books.google.com
... Suresh Ratei (ICL, Manchester) The EDS Parallel Relational **Database** System ... N do PivotRow
:= D[k]; # make **copy** of pivot row for i := 1 to N do # **update** all rows D ...
[Related Articles](#) - [Web Search](#) - [Library Search](#)

Automated detection of vulnerabilities in privileged programs by execution monitoring - group of 5 »
C Ko, G Fink, K Levitt - Computer Security Applications Conference, 1994. Proceedings ..., 1994 - ieeexplore.ieee.org
... I - **copy** data to tmpfile - I I I ... Also, it can be invoked to rebuild the alias **database**. ...
For instance, a user invokes rdist to **update** his files in **remote** hosts. ...
[Cited by 141](#) - [Related Articles](#) - [Web Search](#)

Mobilizing applications
SG Hild, P Robinson - Personal Communications, IEEE [see also IEEE Wireless ..., 1997 - ieeexplore.ieee.org
... to the "target" server on the **remote** side of ... occasionally — in the meantime, a **copy** of the ... conflicts once reconnect- ed. "**Mobile-aware**" applications ...
[Cited by 7](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

WEA, A Distributed Object Manager based on a Workspace Hierarchy - group of 6 »

D Donsez, P Homond, P Faudemay - Proc. of IFIP Conf. on Applications in Parallel and ..., 1994 - www-adele.imag.fr

... **enterprise** information system, the RPC model (**Remote** Procedure Call ... occupation ratio,

but implies a **copy** of objects ... C++ classes and adds them to the **database**. ...

Cited by 3 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Digital assistant system including a host computer with a **docking** bay for the digital assistant ... - group of 2 »

US Patent 5,689,654, 1997 - freepatentsonline.com

... location of the latest files, and accomplishes the **update**. ... to prepare and download a customized **copy** of an ... As inventories are collected, the **database** may be ...

Cited by 29 - [Related Articles](#) - [Cached](#) - [Web Search](#)

The dimensions of accessibility to online information: implications for implementing office ... - group of 2 »

MJ Culnan - ACM Transactions on Information Systems (TOIS), 1984 - portal.acm.org

... to deliver the information (printed **copy**, microfiche, terminal ... Close , : : % .2: : % __ : =

Remote ... infrequent access to a particular **database** system may ...

Cited by 39 - [Related Articles](#) - [Web Search](#)

Integrating security in a large distributed system - group of 28 »

M Satyanarayanan - ACM Transactions on Computer Systems (TOCS), 1989 - portal.acm.org

... To **copy** otherwise, or to republish, requires a fee and ... tion **database** described in Section 4. This secure channel ... it became clear that the **remote** procedure call ...

Cited by 126 - [Related Articles](#) - [Web Search](#) - [Library Search](#)

Notes: A sustainable platform architecture - group of 3 »

D Newbold, R Lipton - Iris Associates, Inc, 1997 - www-10.lotus.com

... However, local and **mobile** users own their personal databases and can tune their ... If a business rule represented in a **master copy** of a **database** is changed ...

Cited by 1 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Distributed coordination models for client/server computing - group of 4 »

RM Adler - Computer, 1995 - ieeexplore.ieee.org

... For example, a heterogeneous **database** system might (1) map a ... server models requires

tools such as **remote** procedure calls ... message by activating a **copy** of its ...

Cited by 111 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Googoooooogle ►

Result Page: 1 2 3 4 5 6 [Next](#)

database (copy OR update) (remote)

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